



SCEA Taxonomy

•Established Standards

DOMAINS

DISCIPLINES

Presentation Services

- Desktop Hardware
- Laptop Hardware
- Client Operating Systems
- Collaborative File Formats
- Dumb Terminals
- Desktop Productivity Tools
- Web Accessibility
- Assistive Technology

Communication Services

- WAN/LAN Protocols
- Hardware - Switches & Routers
- Remote Access Methods & Clients
- LAN Topologies
- LAN Wiring
- Wireless LAN Protocols
- Directory, Network OS
- Enterprise Telecommunications - Video
- Enterprise Telecommunications – IP Telephony Voice
- Email Services

Computing Services

- Mainframe Hardware & OS
- Application Software Server Environments
- Application Languages & Development Environments
- Mainframe & Mid-tier Databases
- Service & Data Layer Servers - Hardware
- Service & Data Layer Servers - OS
- Web Server Software
- Mainframe & Server Middleware
- Storage Subsystem - Disk
- Storage Subsystem - Tape
- Backup/Archival

Enterprise Applications

- Geographic Information Systems (GIS)
- Enterprise Resource Planning (ERP)
- Document Management
- Business Intelligence (BI)
- Web Commerce
- Customer Relationship Management
- Project Management Software

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System Mgmt. Services

- Problem/Change/Configuration Management
- Performance and Capacity Management
- Network/Events Monitoring
- Software Distribution
- End User Support
- Asset Management

Knowledge Management

- Acquisition Tools
- Storage Tools
- Interoperability and Collaboration Tools
- Dissemination Tools

Business Continuity

- Business Continuity (Best Practice)
- Disaster Recovery (Best Practice)

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Security

Identification & Authentication

- Administration:
 - Directory
 - Certification Authority
 - Provisioning
 - Metafile
- Password Management
- Enterprise SSO
- WAM
- ID & Authentication Methods:
 - Smart Tokens
 - H/W Tokens
 - Biometrics
- Federation

Confidentiality & Integrity

- Encryption:
 - File
 - Email
 - Network
 - Database
 - Web Services
 - Data at rest
 - Mobile Data
- Electronic Signatures:
 - Digital (Deferred)
 - Biometrics
 - Web Services
 - Other
- SIEM

Network, Host Applications & Access Control

- OS
- NOS
- VPN
- NAC

Network Communications Protection

- Firewalls:
 - Perimeter
 - Desktop/Server
- IDS/IPS
- Email Protection (SPAM)
- Filtering

Configuration Management

- Vulnerability & Patch Management
- Change Management Tools

Security Planning Tools

- Risk Management
- BCP
- Penetration Testing
- Vulnerability Assessment
- Incident Management Best Practice

Physical & Environmental Protection

- HVAC
- Power Management
- Facility Access & Monitoring Systems
- Backup & Recovery Systems (Deferred)

Host Protection

- Antivirus
 - Perimeter
 - Desktop/Server
- Anti-spyware
- Host-based IPS

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